

Anti-Human SDF-1 β Antibody
Catalog # ABG10504**Specification**

Anti-Human SDF-1 β Antibody - Product Information

Application	WB, IHC, E
Reactivity	Human
Host	Goat
Clonality	Polyclonal

Anti-Human SDF-1 β Antibody - Additional Information**Preparation**

Produced from sera of goats pre-immunized with highly pure recombinant Human SDF-1 β . Anti-Human SDF-1 β specific antibody was purified by affinity chromatography employing immobilized Human SDF-1 β matrix.

WesternBlot

To detect Human SDF-1 β by Western Blot analysis this antibody can be used at a concentration of 0.1-0.2 μ g/ml. When used in conjunction with compatible secondary reagents, the detection limit for recombinant Human SDF-1 β is 1.5-3.0 ng/lane, under either reducing or non-reducing conditions.

Sandwich

To detect Human SDF-1 β by sandwich ELISA (using 100 μ l/well antibody solution) a concentration of 0.5 - 2.0 μ g/ml of this antibody is required. This antigen affinity purified antibody, in conjunction with BioGems's Biotinylated Anti-Human SDF-1 β (60-295BT) as a detection antibody, allows the detection of at least 0.2 - 0.4 ng/well of recombinant Human SDF-1 β .

Immunohistochemistry

This antibody stained formalin-fixed, paraffin-embedded sections of human pancreas malignant adenocarcinoma. The recommended concentration is 2.5-5.0 μ g/mL with an overnight incubation at 4°C. An HRP-labeled polymer detection system was used with a DAB chromogen. Heat induced antigen retrieval with a pH 9.0 buffer is recommended. Optimal concentrations and conditions may vary.
Tissue samples were provided by the Cooperative Human Tissue Network, which is funded by the National Cancer Institute.
Information and photo are courtesy of Flagship Biosciences, LLC - Histology Services.

Formulation

A sterile filtered antibody solution was lyophilized from PBS, pH 7.2.

Reconstitution

Centrifuge vial prior to opening. Reconstitute in sterile water to a concentration of 0.1-1.0 mg/ml.

Storage

-20°C

Precautions

Anti-Human SDF-1 β Antibody is for research use only and not for use in diagnostic or therapeutic

procedures.

Anti-Human SDF-1 β Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

Anti-Human SDF-1 β Antibody - Images